Fig. 1

```
 E   V   Q   L   L   E   Q   P   G   A
GAGGTGCAGCTGCTCGAGCAGCCTGGGGCT 30

 E   L   A   K   P   G   A   S   V   K
GAACTGGCAAAACCTGGGGCCTCAGTGAAG 60

 M   S   C   K   A   S   G   Y   T   F
ATGTCCTGCAAGGCTTCTGGCTACACCTTT 90

 T   N   Y   W   I   H   W   V   K   Q
ACTAACTACTGGATTCACTGGGTGAAACAG 120

 R   P   G   Q   G   L   K   W   I   G
AGGCCTGGACAGGGTCTGAAATGGATTGGA 150

 Y   I   N   P   A   T   G   S   T   S
TACATTAATCCTGCCACTGGTTCCACTTCT 180

 Y   N   Q   D   F   Q   D   R   A   T
TACAATCAGGACTTTCAGGACAGGGCCACT 210

 L   T   A   D   K   S   S   T   T   A
TTGACCGCAGACAAGTCCTCCACCACAGCC 240

 Y   M   Q   L   T   S   L   T   S   E
TACATGCAGCTGACCAGCCTGACATCTGAG 270

 D   S   S   V   Y   Y   C   A   R   E
GACTCTTCAGTCTATTACTGTGCAAGAGAG 300

 G   Y   D   G   F   D   S   W   G   Q
GGGTACGACGGGTTTGACTCCTGGGGCCAA 330

 G   T   T   L   T   V   S   S
GGCACCACTCTCACAGTCTCCTCA 360
```

Fig. 2


E L V L T Q S P A I
GAGCTCGTGCTCACCCAGTCTCCAGCAATC 30
M S A S P G E K V T
ATGTCTGCATCTCCAGGGGAGAAGGTCACC 60
M T C S A S S S V N
ATGACCTGCAGTGCCAGCTCAAGTGTAAAT 90
Y M Y W Y Q Q K S G
TACATGTACTGGTACCAGCAGAAGTCAGGC 120
T S P K R W I Y D T
ACCTCCCCCAAAAGATGGATTTATGACACA 150
S K L A S G V P A R
TCCAAATTGGCTTCTGGAGTCCCTGCTCGC 180
F S G S G S G T S Y
TTCAGTGGCAGTGGGTCTGGGACCTCTTAC 210
S L T L S S M E A E
TCTCTCACACTCAGCAGCATGGAGGCTGAA 240
D A A T Y Y C Q Q W
GATGCCGCCACTTATTACTGCCAGCAGTGG 270
S S N P Y T F G G G
AGTAGTAATCCGTACACGTTCGGAGGGGGG 300
T K L E I K
ACCAAGCTGGAGATAAAA 330

Fig. 3

+1 E V Q L Q Q S G A E
GAGGTTCAGCTGCAGCAGTCTGGGGCAGAG 30

+1 L V K P G A S V K L
CTTGTGAAGCCTGGGGCCTCAGTCAAGTTG 60

+1 S C T S S G F N I K
TCCTGCACATCTTCTGGCTTCAACATTAAA 90

+1 D T Y V H W M K Q R
GACACCTATGTGCACTGGATGAAACAGAGG 120

+1 P E Q G L E W I G K
CCTGAACAGGGCCTGGAGTGGATTGGAAAG 150

+1 I D P A N G K T K Y
ATTGATCCTGCGAATGGTAAAACTAAATAT 180

+1 D P I F Q A K A T M
GACCCGATATTCCAGGCCAAGGCCACTATG 210

+1 T A D A S S N T A Y
ACAGCAGACGCATCCTCCAATACAGCCTAC 240

+1 L Q L S S L T S E D
CTGCAACTCAGCAGCCTGACTTCTGAGGAC 270

+1 T A V Y Y C A L P I
ACTGCCGTCTATTACTGTGCTCTCCCCATT 300

+1 Y Y A S S W F A Y W
TATTACGCTAGTTCCTGGTTTGCTTACTGG 330

+1 G Q G T L V T V S A
GGCCAAGGGACTCTGGTCACTGTCTCTGCA 360

Fig. 4

```
+1    D   I   V   M   T   Q   S   H   K   F
      GACATTGTGATGACCCAGTCTCACAAATTC                30

+1    M   S   T   S   V   G   D   R   V   S
      ATGTCCACATCAGTAGGAGACAGGGTCAGC                60

+1    I   T   C   K   A   S   Q   D   V   G
      ATCACCTGCAAGGCCAGTCAGGATGTGGGT                90

+1    T   S   V   A   W   Y   Q   Q   K   P
      ACTTCTGTTGCCTGGTATCAACAGAAACCT               120

+1    G   H   S   P   K   L   L   I   Y   W
      GGGCACTCTCCTAAATTACTGATTTACTGG               150

+1    T   S   T   R   H   T   G   V   P   D
      ACATCCACCCGGCACACTGGAGTCCCTGAT               180

+1    R   F   T   G   S   G   S   G   T   D
      CGCTTCACAGGCAGTGGATCTGGGACAGAT               210

+1    F   I   L   T   I   S   N   V   Q   S
      TTCATTCTCACCATTAGCAATGTGCAGTCT               240

+1    E   D   L   A   D   Y   F   C   Q   Q
      GAAGACTTGGCAGATTATTTCTGTCAGCAA               270

+1    Y   S   S   S   P   T   F   G   G   G
      TATAGCAGCTCTCCCACGTTCGGAGGGGGG               300

+1    A   K   V   E   I   K
      GCCAAGGTGGAAATAAAA                           330
```

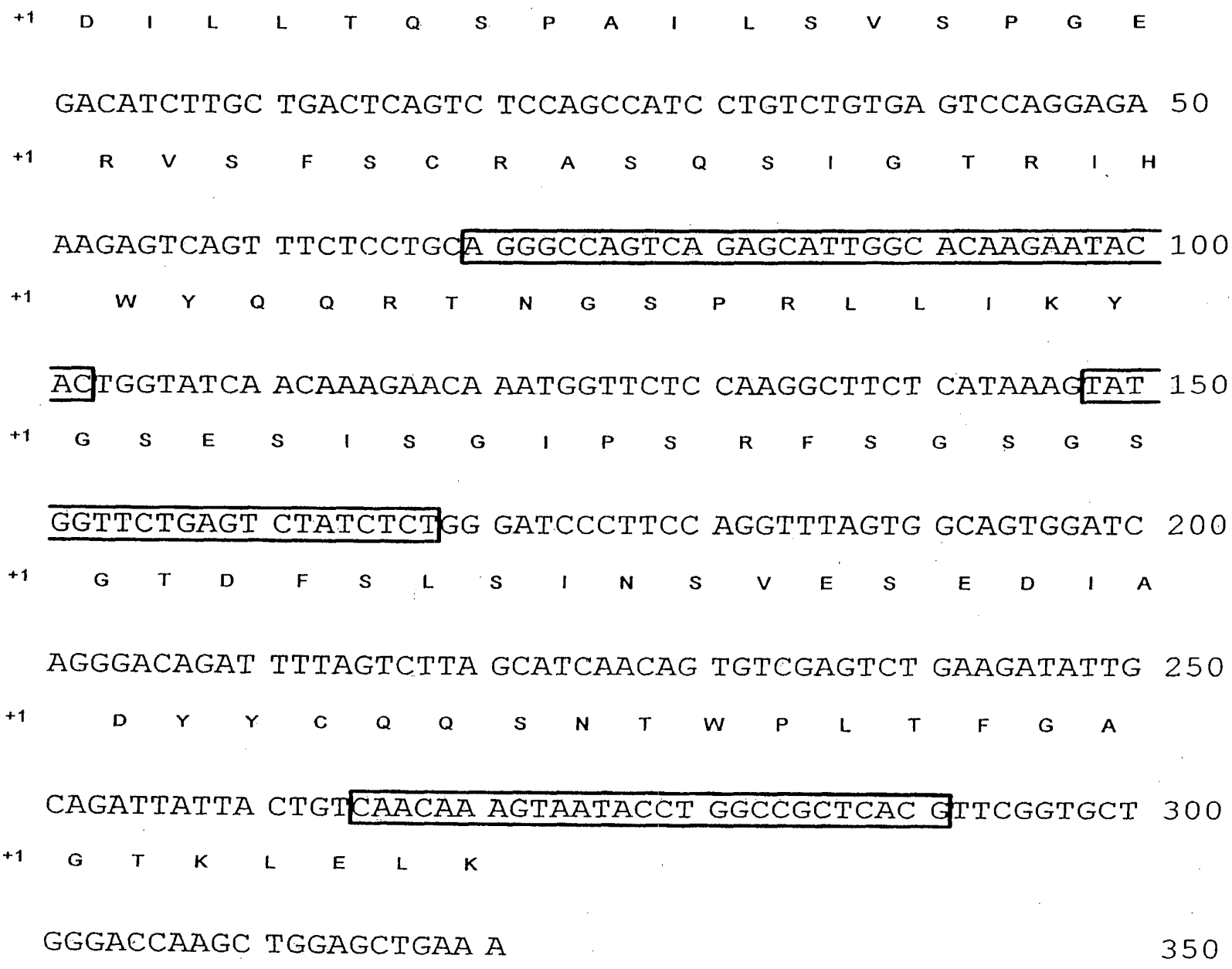


Fig. 5

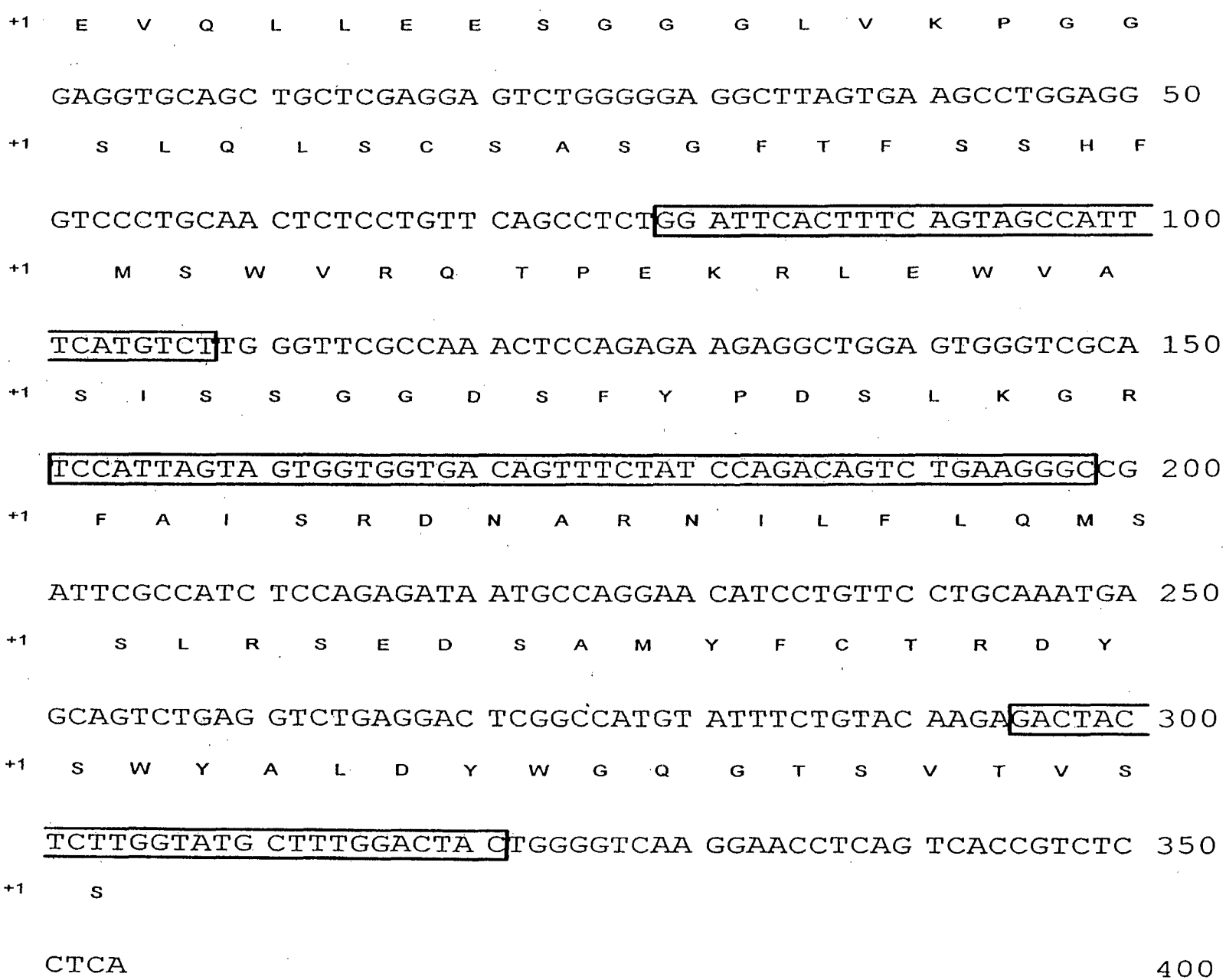


Fig. 8

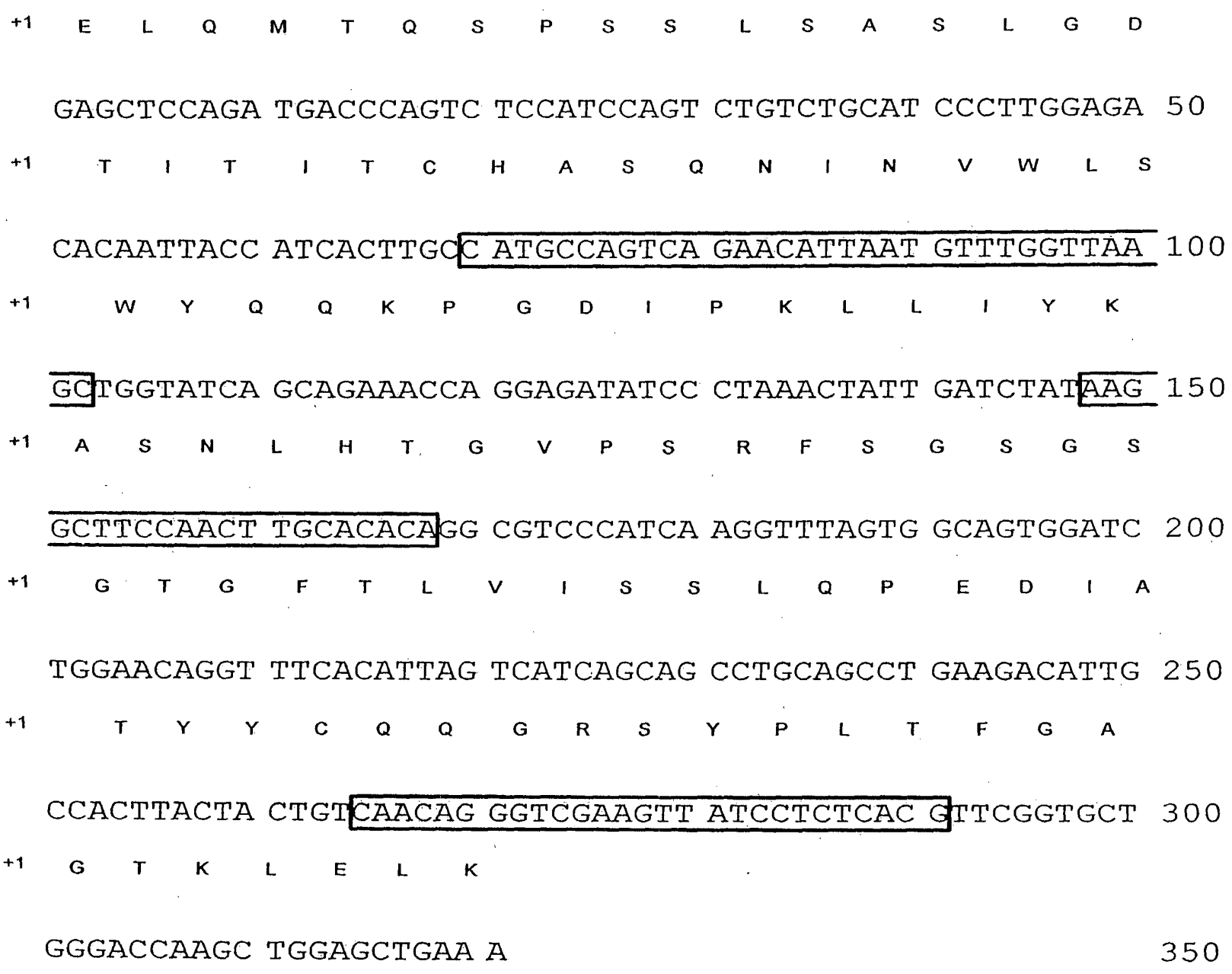
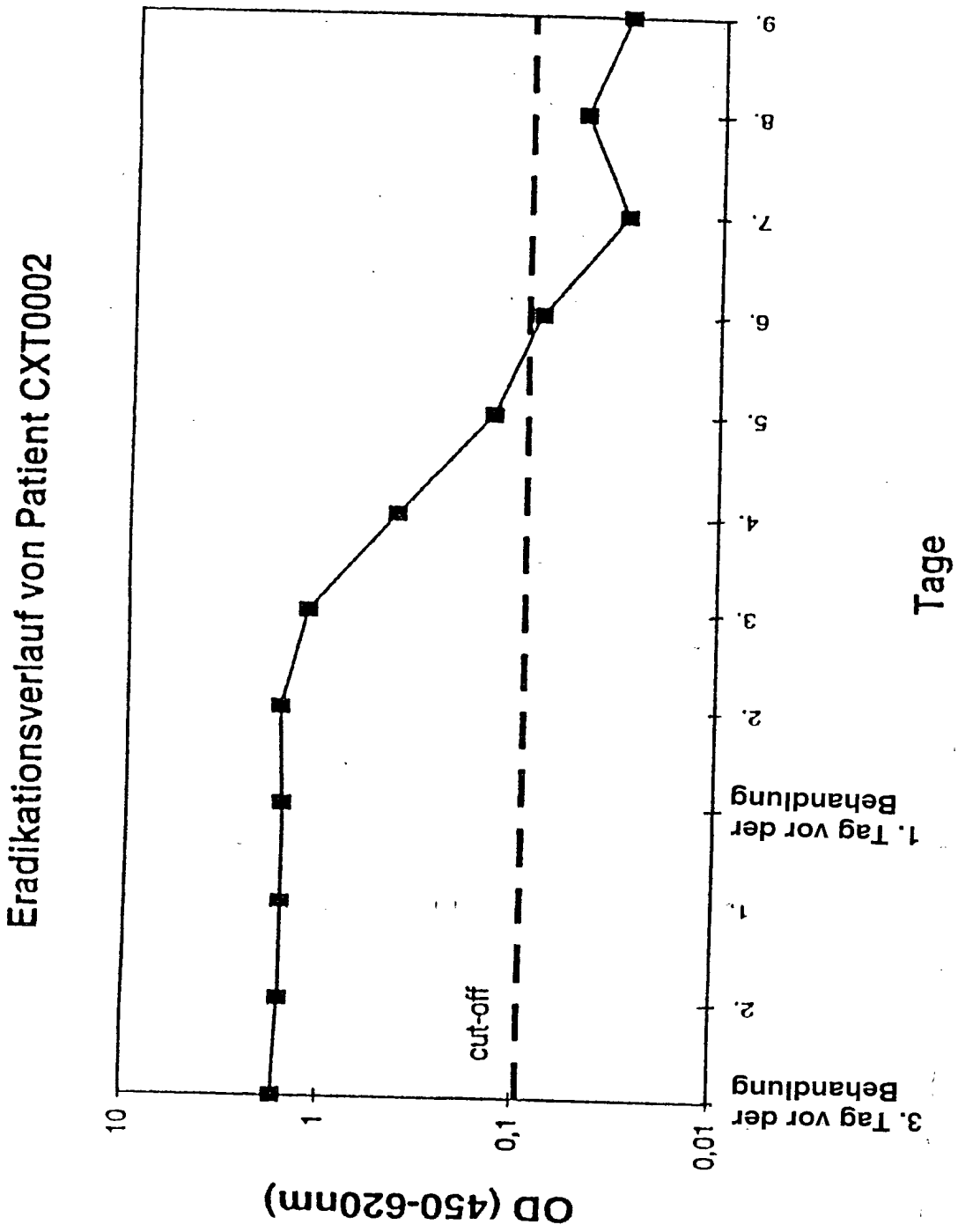

+1 E L Q M T Q S P S S L S A S L G D
GAGCTCCAGA TGACCCAGTC TCCATCCAGT CTGTCTGCAT CCCTTGGAGA 50
+1 T I T I T C H A S Q N I N V W L S
CACAATTACC ATCACTTGCC ATGCCAGTCA GAACATTAAT GTTTGGTTAA 100
+1 W Y Q Q K P G D I P K L L I Y K
GCTGGTATCA GCAGAAACCA GGAGATATCC CTAAACTATT GATCTATAAG 150
+1 A S N L H T G V P S R F S G S G S
GCTTCCAACT TGCACACAGG CGTCCCATCA AGGTTTAGTG GCAGTGGATC 200
+1 G T G F T L V I S S L Q P E D I A
TGGAACAGGT TTCACATTAG TCATCAGCAG CCTGCAGCCT GAAGACATTG 250
+1 T Y Y C Q Q G R S Y P L T F G A
CCACTTACTA CTGTCAACAG GGTCGAAGTT ATCCTCTCAC GTTCGGTGCT 300
+1 G T K L E L K
GGGACCAAGC TGGAGCTGAA A 350

Fig.7

Fig. 6

```
+1  E  V  Q  L  L  E  Q  S  G  A  E  L  V  K  P  G  A

GAGGTGCAGC TGCTCGAGCA GTCTGGAGCT GAGCTGGTGA AGCCTGGGGC  50

+1  S  V  K  I  S  C  K  A  S  G  Y  A  F  S  T  S  W

CTCAGTGAAG ATTTCCTGCA AGGCTTCTGG CTACGCATTC AGTACCTCCT 100

+1  M  N  W  V  K  Q  R  P  G  K  G  L  E  W  I  G

GGATGAACTG GGTGAAACAG AGGCCTGGAA AGGGTCTTGA GTGGATTGGA 150

+1  R  I  Y  P  G  D  G  D  T  N  Y  N  G  K  F  K  G

CGGATTTATC CTGGAGATGG AGATACTAAC TACAATGGGA AGTTCAAGGG 200

+1  K  A  T  L  T  A  D  K  S  S  S  T  A  Y  M  Q  L

CAAGGCCACA CTGACTGCAG ACAAATCCTC CAGCACAGCC TACATGCAAC 250

+1  N  S  L  T  S  E  D  S  A  V  Y  F  C  V  R  E

TCAACAGCCT GACATCTGAG GACTCTGCGG TCTACTTCTG TGTAAGAGAG 300

+1  D  A  Y  Y  Y  S  N  P  Y  S  L  D  Y  W  G  Q  G  T

GATGCCTATT ATAGTAACCC CTATAGTTTG GACTACTGGG GTCAAGGAAC 350

+1  S  V  T  V  S  S

CTCAGTCACC GTCTCCTCA                                   400
```

Fig. 9


Eradikationsverlauf von Patient CXT0002
OD (450-620nm)
10
1
0,1
0,01
cut-off
3. Tag vor der Behandlung
2.
1.
1. Tag vor der Behandlung
2.
3.
4.
5.
6.
7.
8.
9.
Tage